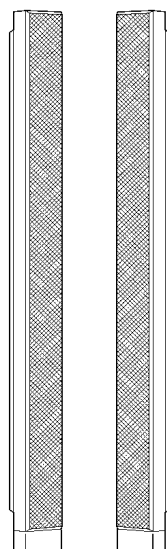


Service Manual

Speakers for Plasma TV

TY-SP65PV600



Specifications

TY-SP65PV600

Speaker unit

Midrange	5.7 cm × 12.6 cm, Oval-shaped, ×2
Tweeter	5.2 cm dia

Rated impedance 8 Ω

Rated input 15 W

Dimensions (W × D × H)

main body	3 ¹⁵ / ₁₆ " (100 mm) × 3 ³⁵ / ₆₄ " (90 mm) × 38 ²⁵ / ₃₂ " (985 mm)
with packing	41 ⁵⁵ / ₆₄ " (1063 mm) × 10 ¹⁵ / ₃₂ " (266 mm) × 7 ²³ / ₆₄ " (187 mm)

Mass (weight)

main body	6.2lb (2.8 kg) (per speaker)
with packing	15.5lb (7 kg)

Cabinet material Styrene plastic

Note:

Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Installation Instructions

1.1. Safety Precautions

CAUTION

After installing the speakers, do not attempt to move the plasma television by lifting the speakers.

- The mounting brackets may be damaged, and personal injury may result.

Do not suspend the speakers.

- Personal injury may result if the speakers fall off. Take particular care to ensure the safety of children.

These speakers are designed to be used with the plasma television only.

- If connecting them to a different amplifier, make sure that the maximum input to the speakers is within their rated level (15 W). If the rated input level is exceeded, fire may result.

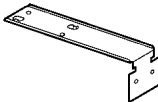
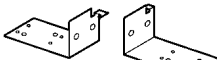
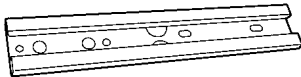


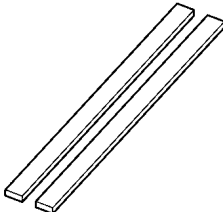
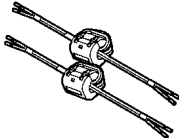
Make sure that all screws are tightened securely during installation.

- Ensure that the installation is carried out correctly to prevent the speakers from becoming detached, and possibly causing possible personal injury.

1.2. Notes on use

1. If connecting to an external amplifier that exceeds the rated input for the speakers, keep the amplifier volume suitably low to protect the speakers from damage. If any problems occur with speaker operation, disconnect the mains lead of the amplifier and consult a qualified service technician.
2. Do not place the speakers in the following places:
 - Areas that are exposed to direct sunlight
 - Near heaters or other heat sources
 - Areas subject to high humidity
3. This set is equipped with magnetic resistant speakers. However be careful not to place it near a CRT or Plasma Television as it may cause color patches.
4. To clean the speakers, wipe them with a soft cloth. If they are extremely dirty, wipe them with a cloth that has been soaked in a small amount of household detergent, and then wipe them dry with a separate cloth.
 - Do not use solvents such as alcohol or thinner.
 - If using chemically-treated cloths, follow the instructions supplied with the cloth packaging.

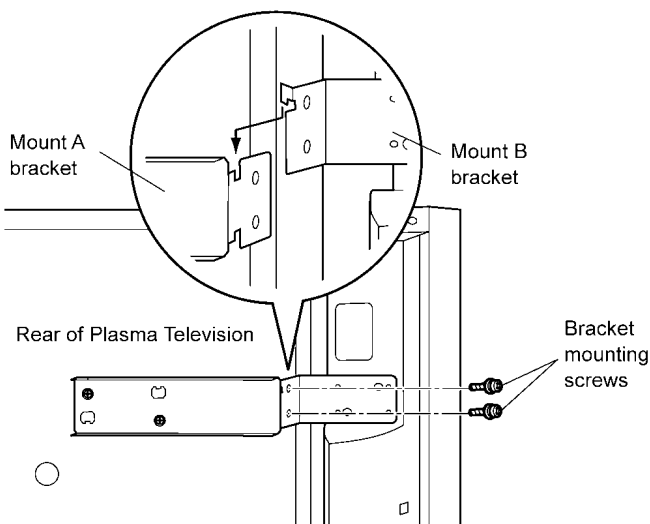
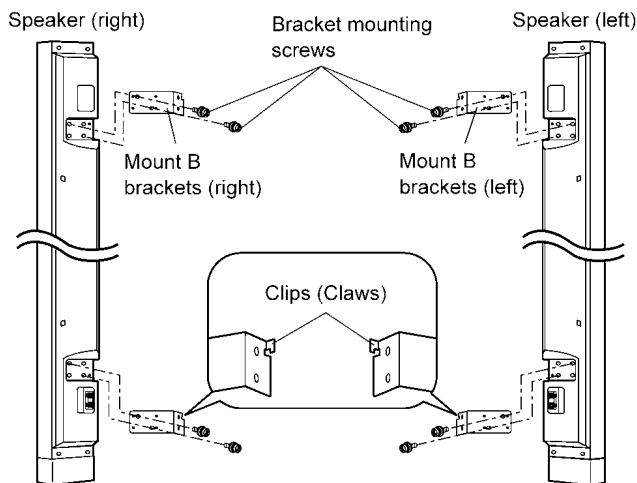
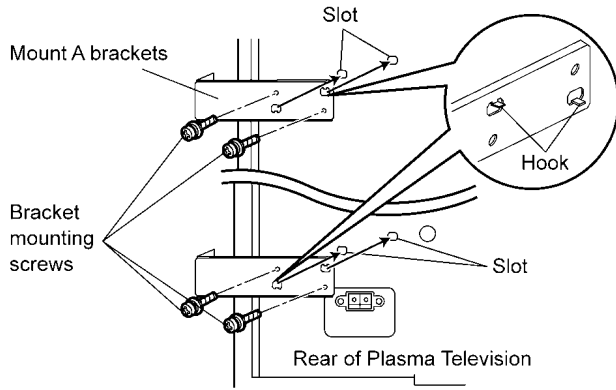
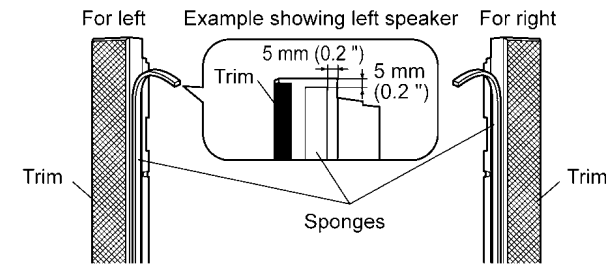
1.3. Accessories

<div>Mounting A brackets</div> <div></div>	<div>Mounting B brackets</div> <div><div>RightLeft</div></div>	<div>Mounting C brackets</div> <div></div>	
<div>Bracket mounting screws</div> <div></div>	<div>Fix screws</div> <div></div>	<div>Sponges</div> <div></div>	<div>Speaker cables (25 cm)</div> <div></div>

Caution

Mount the speakers on the plasma TV before attaching the TV to the wall-hanging bracket.

1.4. Installation



1. Attach the sponges to the speakers.

- Attach the sponges to the surfaces which are in contact with the plasma television.
- Clean the surfaces before attaching the sponges.

2. Mount A brackets to the plasma television.

(Four A brackets, for the left, right, top and bottom)

- Fit each hook into the slot of the plasma television, and securely fasten with two screws.

3. Mount B brackets to the speakers.

(Four B brackets, for the left, right, top and bottom)

Caution

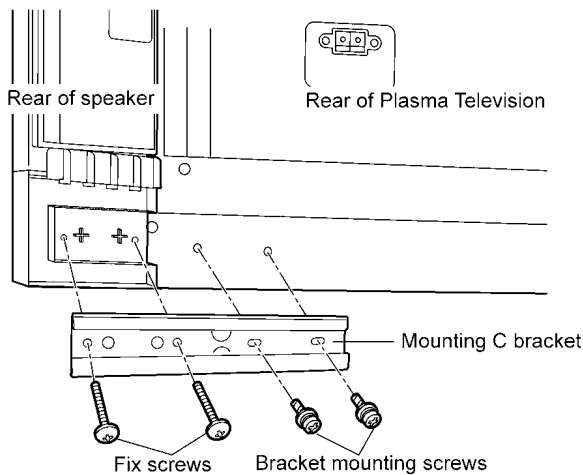
- Fit with the clips (claws) at the top.
- The left and right brackets are different, so please check carefully when mounting.

4. Catch the B bracket claws in the A brackets (plasma television side).

Fasten the A and B brackets with bracket mounting screws.

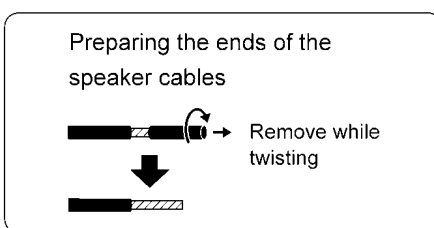
Note

Adjust plasma television and speaker position (front face and height) when fastening the A and B brackets.



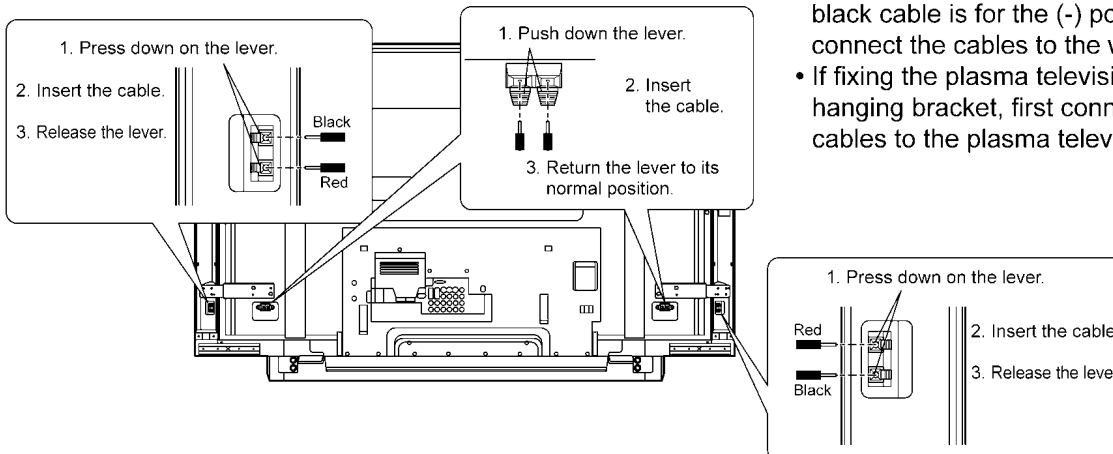
5. Attach C brackets

- To attach to each speaker, use the fixing screws. To attach to the plasma TV, use the bracket mounting screws.

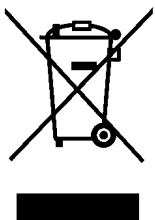


6. Connect the speaker cables.

- After preparing the ends of the speaker cables for the right and left speakers, connect them as shown in the illustration.
- The red cable is for the (+) polarity and the black cable is for the (-) polarity. Do not connect the cables to the wrong polarities.
- If fixing the plasma television to the wall-hanging bracket, first connect the speaker cables to the plasma television.



Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)



This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.

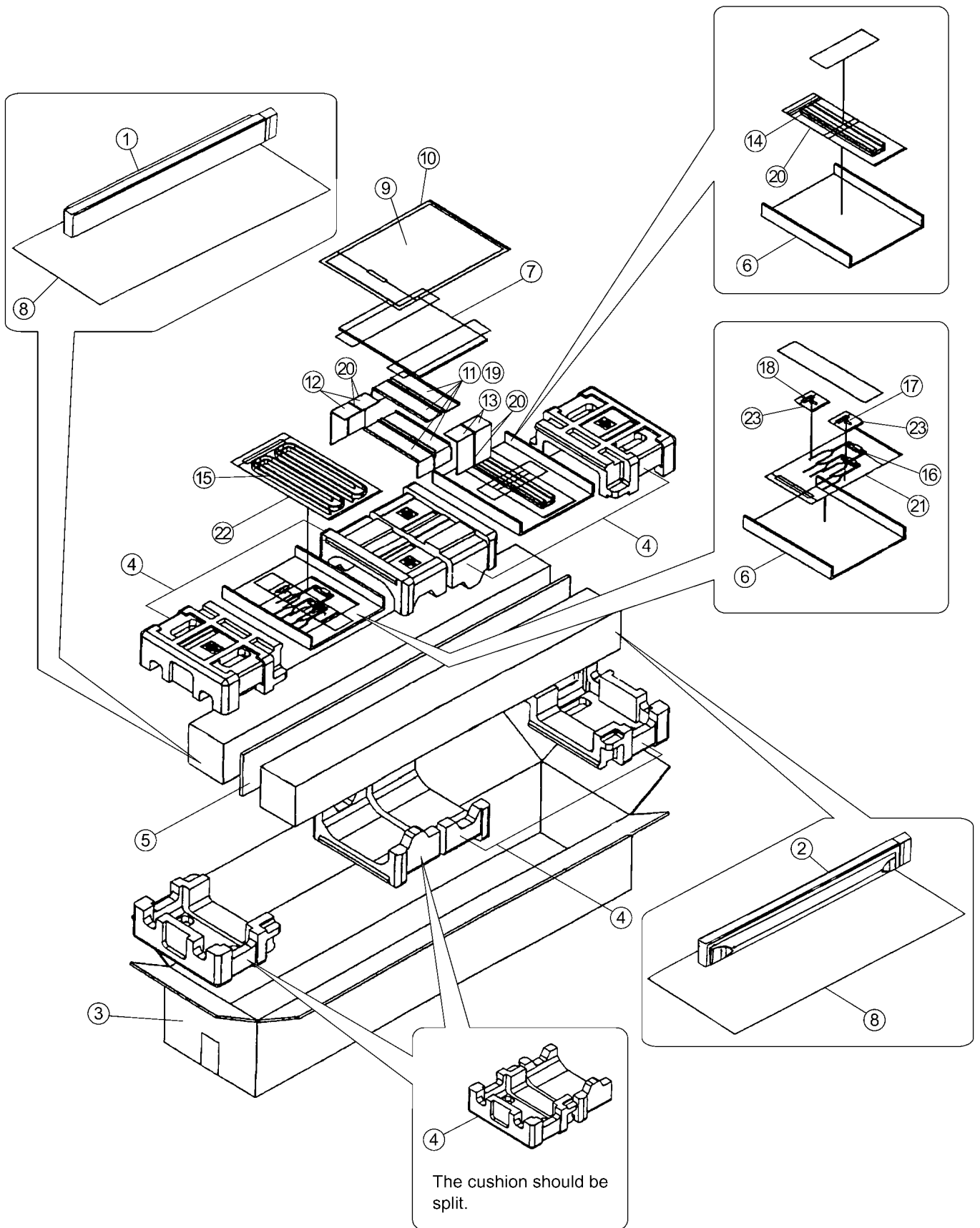
If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

2 Replacement Parts List

2.1. Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	LOEYBC000009	SPEAKER (LEFT)	1	
2	LOEYBC000010	SPEAKER (RIGHT)	1	
3	TPCC05601	CARTON BOX	1	
4	TPDA1430	CUSHION	4	
5	TPDF1374	PARTITION C	1	
6	TPDF1756	PARTITION A	2	
7	TPDF1757	PARTITION B	1	
8	TPEH261	PROTECT BAG (SPEAKER)	2	
9	TQZH784	INSTRUCTION SHEET	1	
10	XZB25X35C03	POLY BAG (INSTRUCTION SHEET)	1	
11	TKRA43701	MOUNT A BRACKET (DISPLAY)	4	
12	TKRA43801	MOUNT B BRACKET (LEFT)	2	
13	TKRA43901	MOUNT B BRACKET (RIGHT)	2	
14	TKZK5024	MOUNT C BRACKET (SPEAKER)	2	
15	TMKG612	SPONGE	2	
16	TPASK07	SPEAKER CORD ASSY	1	
17	XTB4+12GFJK	FIX SCREWS	4	
18	XYN5+F12FJK	BRACKET MOUNTING SCREWS (M5-12)	28	
19	XZB10X23C05	POLY BAG (DISPLAY)	4	
20	XZB15X10C05	POLY BAG (FIX PLATE)	5	
21	XZB15X25C03	POLY BAG (SPEAKER CORD)	1	
22	XZB20X30C03	POLY BAG (SPONGE)	1	
23	XZB5X10C05	POLY BAG (SCREW)	2	

2.2. Packing summary



3 External dimensions drawing

Unit : inches (mm)

